

US011916860B2

(10) Patent No.: US 11,916,860 B2

(12) United States Patent

Asghari Kamrani et al.

(54) MUSIC/VIDEO MESSAGING SYSTEM AND METHOD

(71) Applicant: AMERITECH SOLUTIONS, INC.,

Clifton, VA (US)

(72) Inventors: Nader Asghari Kamrani, Centreville,

VA (US); Kamran Asghari Kamrani,

Centreville, VA (US)

(73) Assignee: AMERITECH SOLUTIONS, INC.,

Clifton, VA (US)

(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 17/342,306

(22) Filed: Jun. 8, 2021

(65) Prior Publication Data

US 2021/0297382 A1 Sep. 23, 2021

Related U.S. Application Data

- (63) Continuation of application No. 15/808,154, filed on Nov. 9, 2017, now Pat. No. 11,063,895, which is a continuation of application No. 12/453,847, filed on May 26, 2009, now abandoned.
- (60) Provisional application No. 61/055,940, filed on May 23, 2008.
- (51) Int. Cl.

 G06Q 10/10 (2012.01)

 H04L 51/224 (2022.01)
- (52) **U.S. Cl.**CPC *H04L 51/224* (2022.05); *G06Q 10/10* (2013.01)

(45) **Date of Patent:** Feb. 27, 2024

(56) References Cited

U.S. PATENT DOCUMENTS

455/41.2

7,551,935 B2 6/2009 Karmakar 7,702,542 B2 4/2010 Aslanian, Jr. 7,778,925 B2 8/2010 Siegel et al. 7,865,137 B2 1/2011 Goldberg et al. 8,079,066 B1 12/2011 Cordell et al. 8,166,418 B2 4/2012 Williams

OTHER PUBLICATIONS

(Continued)

PTO Final Office Action dated Oct. 19, 2017, U.S. Appl. No. 12/656,252, pp. 1-64.

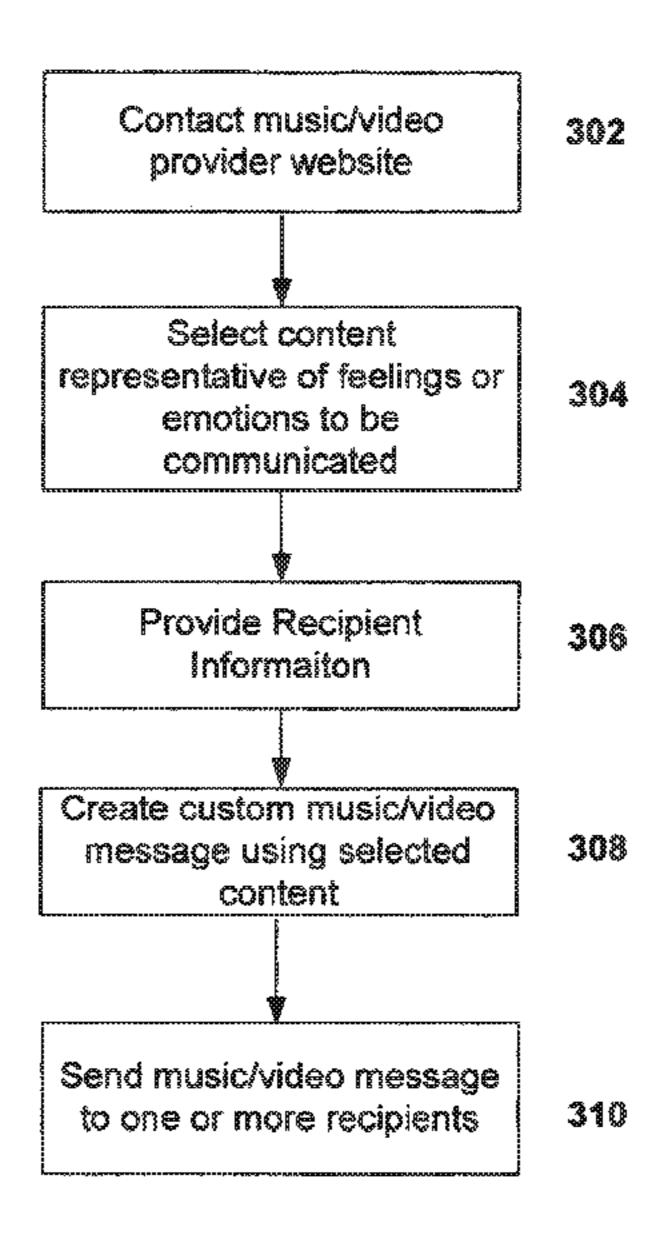
(Continued)

Primary Examiner — Di Xiao (74) Attorney, Agent, or Firm — Invoke

(57) ABSTRACT

A system and method for creating custom music/video messages to facilitate and/or improve social interaction. The music/video messages may include at least portions of: music, video, pictures, slideshows, and/or text. Custom music/video messages may be created by a user in communication with a music/video provider and a music/video messaging system. The music/video messaging system and/or a distribution network send the music/video messages to one or more intended recipient(s). The custom music/video messages are representative of feelings or emotions to be communicated by the user to the one or more recipient(s).

30 Claims, 5 Drawing Sheets



(56) References Cited			ces Cited	2009/0013048 A1 1/2009 Partaker et al.
-	U.S. 1	PATENT	DOCUMENTS	2009/0013265 A1 1/2009 Cole et al. 2009/0048922 A1 2/2009 Morgenstern et al.
				2009/0061825 A1 3/2009 Neelakantan et al.
8,260,263			Wan et al.	2009/0082045 A1 3/2009 Mitchell et al. 2009/0083541 A1 3/2009 Levine
8,448,227 8,463,927		5/2013 6/2013		2009/0113315 A1 4/2009 Fisher et al.
, ,			Beguelin H04N 21/4826	2009/0132075 A1 5/2009 Barry
2002/0087427			Ganesan et al.	2009/0144392 A1 6/2009 Wang et al. 2009/0156170 A1 6/2009 Rossano et al.
2002/0087549			Mostafa	2009/01301/0 A1
2002/0129693 2003/0060240		9/2002 3/2003	-	2009/0234846 A1 9/2009 Schigel et al.
2003/0110297			Tabatabai et al.	2009/0234876 A1 9/2009 Schigel et al.
2003/0120805			Couts et al.	2009/0259821 A1 10/2009 Yasrebi et al. 2009/0271712 A1 10/2009 Ligh
2003/0191816 2004/0215696		10/2003	Landress et al.	2010/01/12 A1 10/2009 Light 2010/0159883 A1 6/2010 Pascal et al.
2004/0213090			Aslanian, Jr.	2010/0205179 A1 8/2010 Carson et al.
2005/0169443			Rosenthal	2010/0223314 A1 9/2010 Gadel et al.
2005/0197846			Pezaris et al.	2010/0246789 A1 9/2010 Vance
2006/0036681			Friedman et al.	2011/0066940 A1 3/2011 Asghari et al. 2011/0145343 A1 6/2011 Golobrodsky
2006/0075033	AI	4/2000	Bienstock G06Q 10/107 709/206	2011/01/02/00/11
2006/0080613	A 1	4/2006	Savant	OTHER PUBLICATIONS
2006/0098027			Rice et al.	
2006/0112169 2007/0005795			Bodlaender Gonzalez	PTO Non-Final Office Action dated Mar. 17, 2017, U.S. Appl. No.
2007/0003793			Werner et al.	12/656,252, pp. 1-75.
2007/0046823		3/2007		PTO Final Office Action dated Feb. 24, 2016, U.S. Appl. No.
2007/0088793			Landsman	12/656,252, pp. 1-20.
2007/0115991 2007/0124376			Ramani Greenwell	PTO Non-Final Office Action dated May 18, 2015, U.S. Appl. No.
2007/0124370			Goldberg et al.	12/656,252, pp. 1-17.
2007/0133764			Goldberg	PTO Final Office Action dated Sep. 4, 2014, U.S. Appl. No. 12/656,252, pp. 1-21.
2007/0136769			Goldberg et al.	PTO Non-Final Office Action dated Feb. 26, 2014, U.S. Appl. No.
2007/0155312 2007/0157071			Goldberg et al. Daniell	12/656,252, pp. 1-12.
2007/0137071			He et al.	PTO Final Office Action dated Aug. 17, 2012, U.S. Appl. No.
2007/0209005			Shaver	12/656,252, pp. 1-21.
2007/0220054			Hunter et al.	PTO Final Office Action dated Mar. 2, 2012, U.S. Appl. No.
2007/0233736 2007/0244977	_		Xiong et al. Atkins H04L 51/063	12/656,252, pp. 1-28. PTO Final Office Action dated Nov. 2, 2018, U.S. Appl. No.
2007/02-1-1277	711	10/2007	709/206	12/656,252, pp. 1-80.
2007/0245243	A1*	10/2007	Lanza H04N 7/17318	"Socialstream Features", Oct. 5, 2007, Retrieved from the Internet
2007/0254694	A 1	11/2007	715/205	on Mar. 31, 2018: http://www.hcii.cs.edu:80/M-HCI/2006/
2007/0254684 2007/0255785		11/2007	Jiang Hayashi	SocialstreamProject/features.php, pp. 1-3.
2007/0253705			Bae et al.	Mark Hendrickson, "Fuser: Manage All Your Email and Social
2007/0264982			Nguyen et al.	Networking Messages in One Place", Sep. 25, 2007, Retrieved from the Internet on Mar. 31, 2018: http://techcrunch.com/2007/09/25/
2007/0275740			Deutsch et al.	fuser-manage-all-your-email-and-social-networking-messages-in-
2007/0276864 2008/0005282			Espelien Gaedcke	one-place, pp. 1-7.
2008/0070605		3/2008		"Facebook Messaging just got better ", Aug. 20, 2007, Retrieved
2008/0071875			Koff et al.	from the Internet on Mar. 31, 2018: http://www.facebook.com/notes/
2008/0086431			Robinson	facebook/facebook-messaging-just-go-better/5344177130.
2008/0104679 2008/0127289		5/2008 5/2008		PTO Non-Final Office Action dated Apr. 5, 2018, U.S. Appl. No.
2008/0127289			Kumar et al.	12/656,252, pp. 1-80. PTO Non-Final Office Action dated Apr. 4, 2019, U.S. Appl. No.
2008/0147812		6/2008		12/656,252, pp. 1-29.
2008/0152097 2008/0189331		6/2008 8/2008		PTO Final Office Action dated Apr. 12, 2021, U.S. Appl. No.
2008/0189331			Lee et al. Cox et al.	16/560,833, pp. 1-31.
2008/0256602		10/2008		PTO Non-Final Office Action dated Sep. 19, 2019, U.S. Appl. No.
2008/0275966			MacKinnon	15/808,154, pp. 1-49.
2008/0307320 2009/0012059			Payne et al. Feng et al	* cited by examiner
2007/0012033	7 X I	1/2007	Tong of an	oned by examine

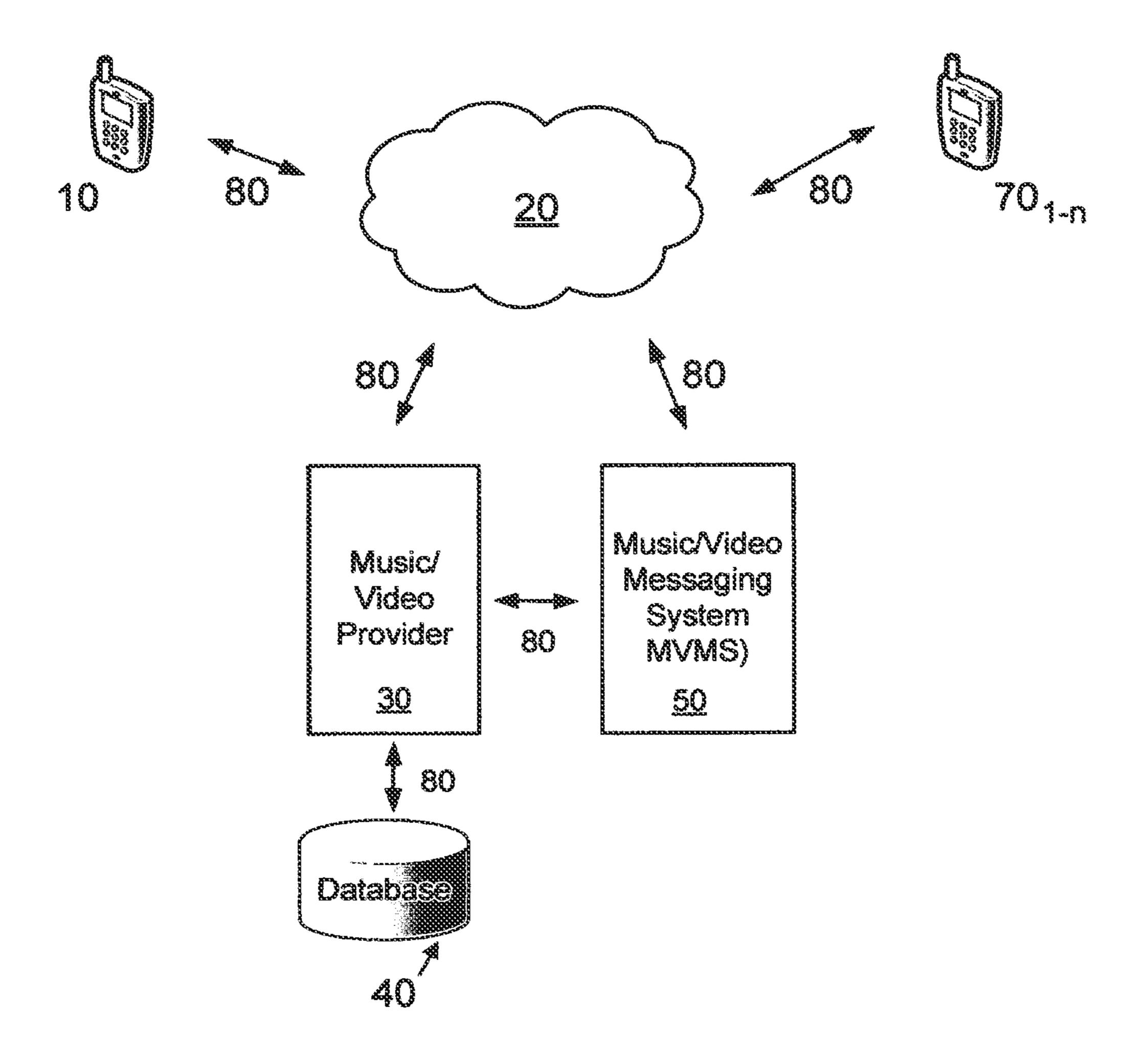


Figure 1a

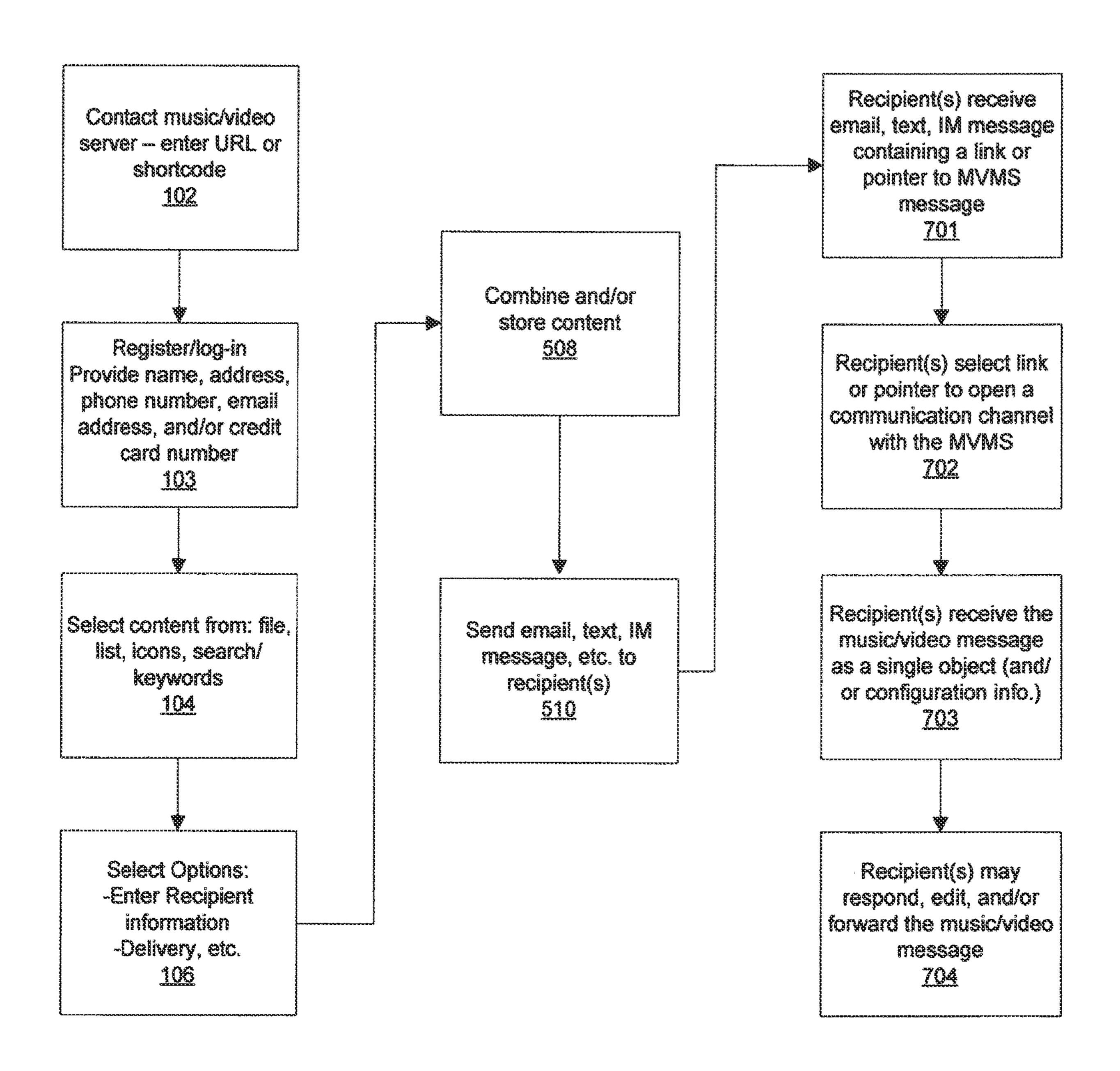


Figure 1b

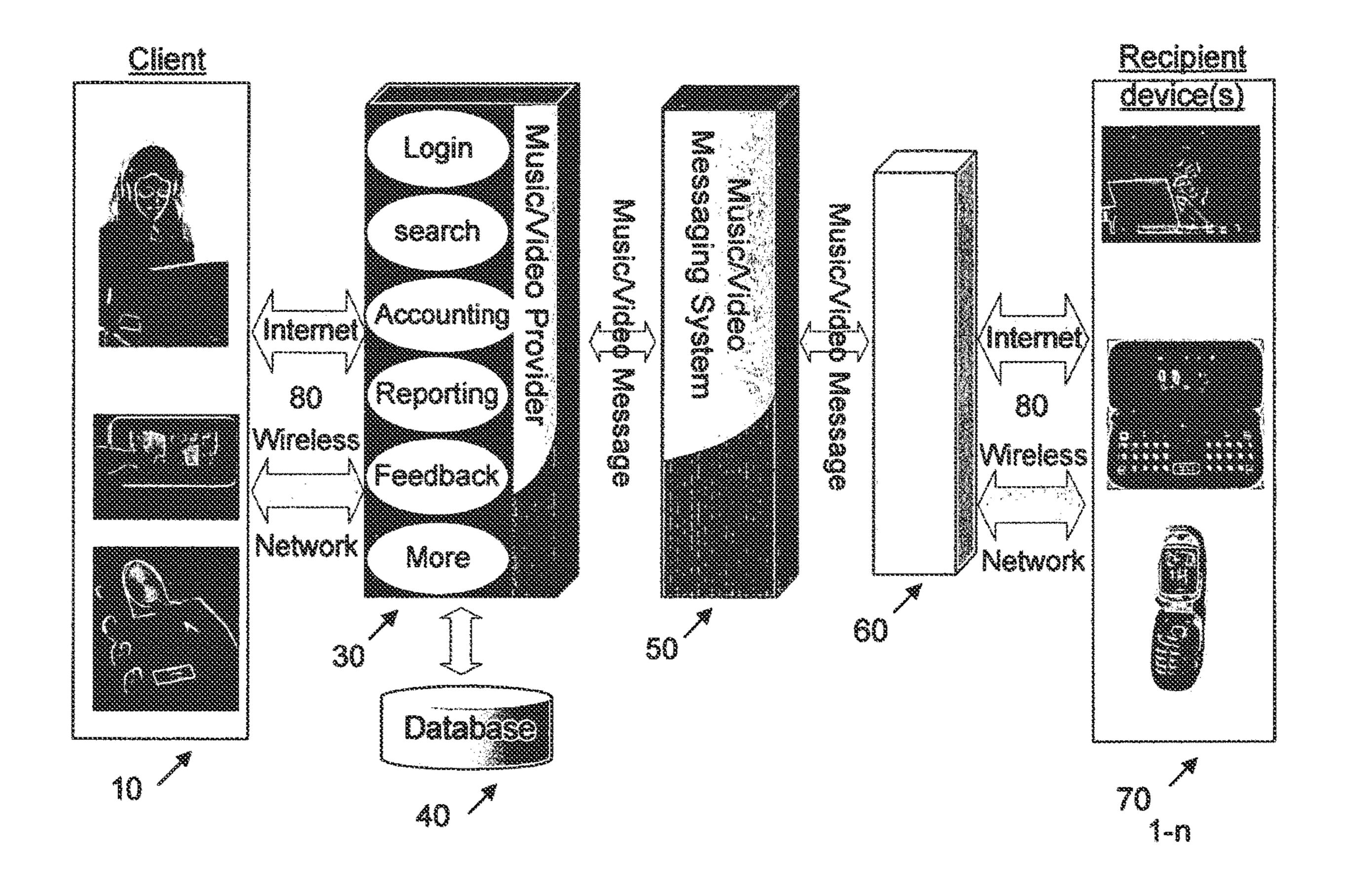


Figure 2

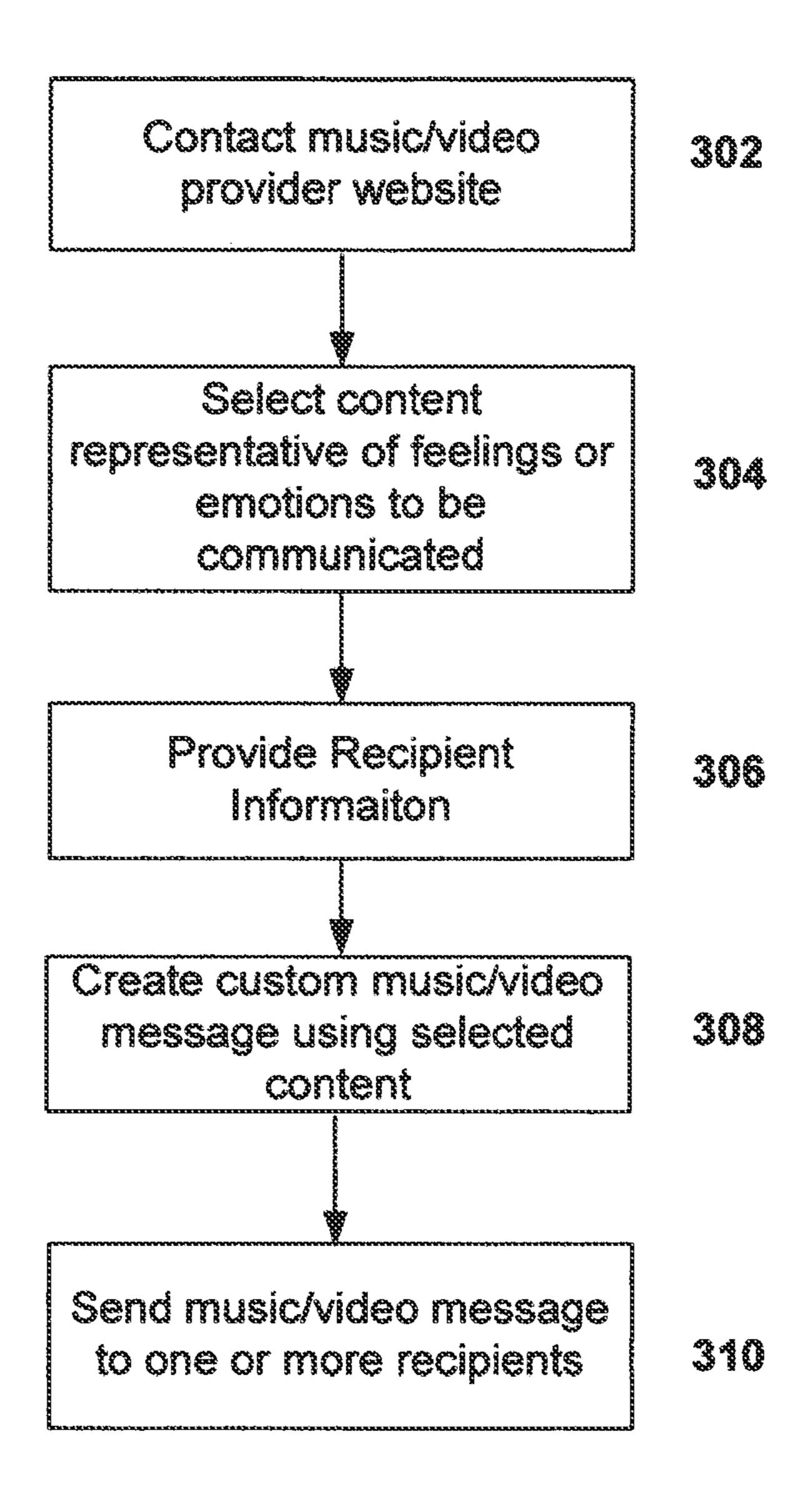


Figure 3

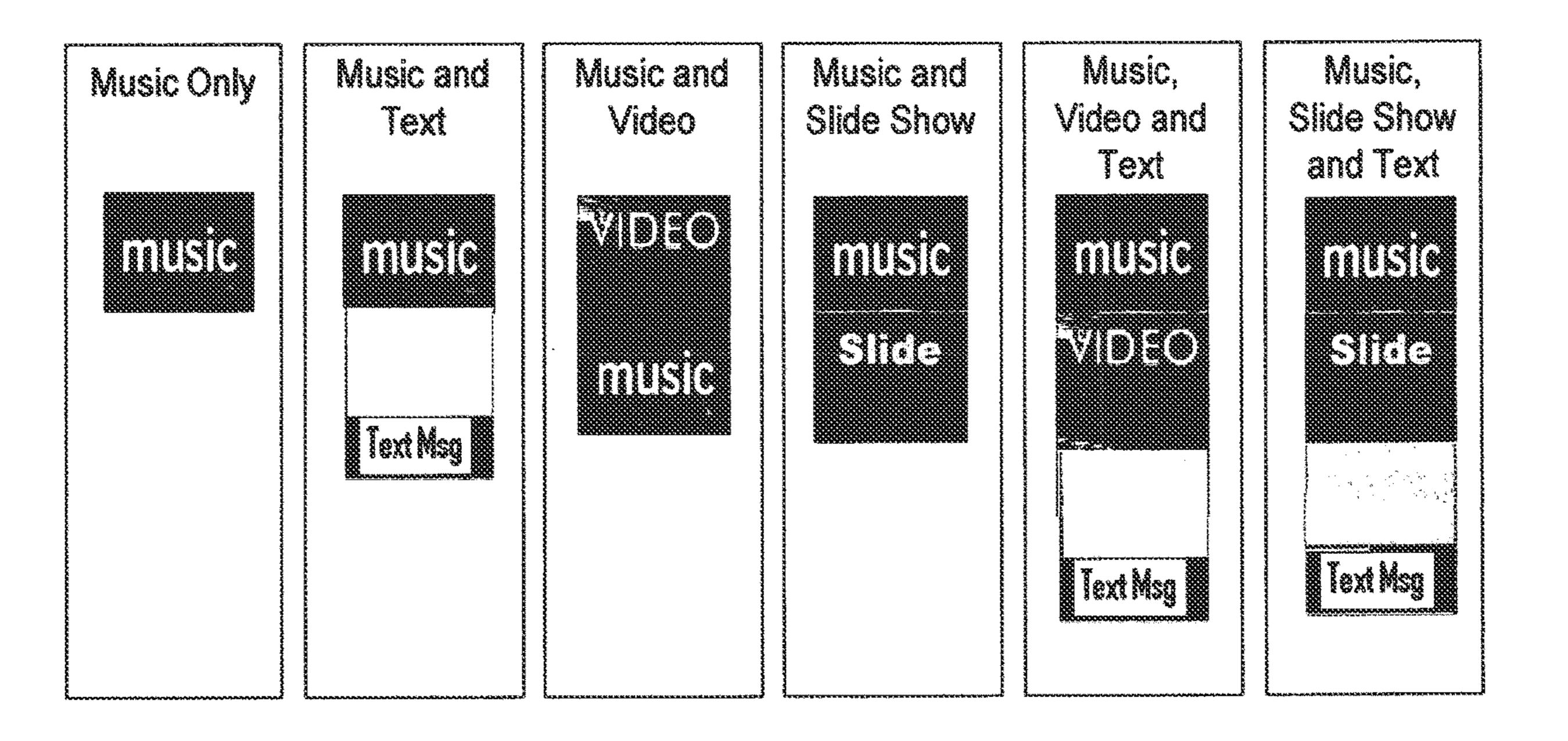


Figure 4

MUSIC/VIDEO MESSAGING SYSTEM AND **METHOD**

This application is a continuation of U.S. patent application Ser. No. 15/808,154 filed Nov. 9, 2017, which is a 5 continuation of U.S. patent application Ser. No. 12/453,847 filed May 26, 2009, which claims priority to U.S. provisional patent application 61/055,940 filed May 23, 2008 the contents of which are hereby incorporated by reference herein in their entireties. Additionally, this application ¹⁰ relates to U.S. application Ser. No. 16/656,833, filed Sep. 4, 2019, which is a continuation of U.S. application Ser. No. 12/656,252, filed Jan. 22, 2010, which is a continuation-inpart of U.S. application Ser. No. 12/453,847.

BACKGROUND OF THE INVENTION

Field of the Invention

The present disclosure relates generally to digital communication, and more particularly to creating and/or sending music/video messages.

Today as digital communication becomes more commonplace, debates remain as to whether such communication helps, or hinders, inter-personal relationships. On one hand, communication using written words such as email and instant messaging (IM) remove meaning, or context, (e.g., facial expressions, gestures, etc.) surrounding the individual(s) communicating. Text messaging, which is becoming a more popular form of social interaction, relies 30 heavily on the use of abbreviated words and acronyms abridging communications even more. As a result, it is more difficult to ascertain or interpret true feelings or emotions behind such messages. On the other hand, it is recognized that digital communication helps to reduce boundaries that exist in the physical world attributed to e.g., geographic distance, social "circles," and more.

Every music has a message to say something. The message is for instance about love, friendship, family, peace, compassion, and how people can stay together with toler- 40 ance. But currently, music is primarily used as a form of entertainment, through personal devices such as CD players, iPods, laptops or digital players. However, it has not yet been fully appreciated that music and the message of music may also be used as a form of communication to trigger 45 memories or to express feelings or emotions. Moreover, as the market of multimedia wireless devices, mobile phones and computers spreads and new wireless network technologies are being improved, it is now possible to improve relationships and social networks using music and/or video 50 as a way of communication.

SUMMARY OF THE INVENTION

systems and methods for connecting people on a social scale through the use of personal computers, laptops, pocket PCs, mobile phones, iPods, the Internet, wireless networks, and more.

The disclosed systems and methods address certain afore- 60 mentioned limitations by allowing users to create custom music/video messages that can be created, edited, etc. to improve and/or facilitate social interaction. For example, instead of sending music as the message, a user or client can create and send a music/video message that in effect uses 65 music, video, text, etc. as "metadata" for a unique, custom message. In this way, a user is able to utilize multimedia as

a tool to electronically convey his true emotions and/or feelings, trigger memories of shared experiences, convey a message based on common interests, and more in a personalized manner. In embodiments, recipient(s) may choose to download the message, edit the message, and/or forward the message to other friend(s) or recipient(s). Each time the message is edited, forwarded, etc., new user-related information is added to the message.

The disclosed systems and methods also address certain aforementioned limitations by involving music/video providers in the communication process. Preferably, the music/ video providers offer content for users to customize and/or send as a message to others. By offering such content, the music/video providers are presented with additional sources of revenue, and are encouraged to produce or obtain quality products.

According to one aspect, a method for creating a custom music/video message representative of feelings or emotions to be communicated to one or more recipient device(s) over a communications network is disclosed. The method comprising: presenting user-customizable content selections to a user device display; receiving user-customized content selection(s) from the user device; receiving user-provided customized content, if any, from the user device; receiving recipient device information from the user device; notifying the recipient device(s) of the user-customized content; and in response to a request from a recipient device, providing the user-customized content to the recipient device in a single music/video message. Preferably, the music/video message comprises a combination of at least two of: music, video, pictures, slideshows, and text.

Preferably the user/client communication device and recipient device(s) include, but are not limited to: personal computers, laptops, personal digital assistants, pocket PCs, iPods, and/or mobile phones. In embodiments, the selected content corresponds to at least portions of music, video, pictures, slideshows, and/or text/voice message. Additional information may include, but is not limited to: sender's name, phone number, e-mail address, IP address, date/time, recipient(s) name, phone number, e-mail address, IP-address, etc. In further embodiments, creating the custom music/video message includes combining the music, video, pictures, slideshows and/or text/voice message into a single message. In some cases, the user may provide their own content to be combined with selected content. For example, a husband may wish to send a custom music/video message to his wife and provide the custom text "I still love you" to be combined with their wedding song.

According to another aspect, a system for creating a custom music/video message representative of feelings or emotions to be communicated to one or more recipient device(s) over a communications network is disclosed. The system comprising: at least one server configured to: present user-customizable content selections to a user device dis-The present invention discloses music/video messaging 55 play; receive user-customized content selection(s) from the user device; receive user-provided content, if any, from the user device; receive recipient device information from the user device; notify the recipient device(s) of the usercustomized content; and in response to a request from a recipient device, provide the user-customized content to the recipient device in a single music/video message. Preferably, the music/video message comprises a combination of at least two of: music, video, pictures, slideshows, and text.

Preferably the user communication device and recipient device(s) include, but are not limited to: personal computers, laptops, personal digital assistants, pocket PCs, iPods, and/ or mobile phones. In embodiments, the selected content

corresponds to at least portions of music, video, pictures, slideshows, and/or text/voice message. In further embodiments, the music/video message system combines the selected music, video, pictures, slideshows and/or text/voice message into a single message. In some cases, user-provided content is combined with selected content. For example, a user may combine the music theme from "Rocky" with the personal text "I know you can do it!" to send to a friend preparing for a job interview and thereby trigger inspirational feelings or emotions.

One advantage of the music/video messages system disclosed herein is that it helps to improve existing relationships as well as to create new social links. Music/video messaging brings happiness and fun to new as well as existing relationships. The receiver of music/video message will get more value out of the message than from text alone. For example, playing a music/video message that has message of love will provide different experience to the receiver of the message than a text message alone. Also playing 20 music/video message can trigger memories and emotions e.g., of shared experiences. For example, playing a wedding song can trigger romantic or sentimental feelings, playing a clip or sound-bite of a favorite movie can trigger happy or inspirational emotions, etc. As a result, friends and families ²⁵ could use music/video messages to communicate their feelings and emotions in new and creative ways that is not possible to do without it.

The present invention offers a solution to problems associated with attempting to remotely communicate feelings or emotions using only written words.

Unlike systems and methods currently in use, the present systems and methods allow a user to create a custom music/video message that more closely reflects their true feelings or emotions instead of being limited to "precanned" messages.

One advantage that the present systems and methods can provide is personalized music/video messages. As a result, music/video messages tailored to specific situations, inter- 40 ests, etc. may be shared between users.

Other advantages of music/video messages as disclosed herein are that:

Such music/video messages effectively enable users to communicate their true feelings, ideas, etc. while enabling 45 message recipients to experience positive feelings and emotions.

The music/video messages allow users to communicate the message of music in remote and/or mobile situations.

The disclosed music/video message systems and methods 50 create a fun and social environment.

The disclosed music/video message systems and methods help to strengthen existing relationships.

The music/video message systems and methods disclosed herein also help to create new social links.

The disclosed music/video message systems and methods help to motivate music stakeholders to produce high quality products with positive messages.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1a is a block diagram illustrating a system for creating and/or sending music/video messages according to an exemplary embodiment.

creating and/or sending music/video messages according to an exemplary embodiment.

FIG. 2 is a block diagram illustrating a system for creating and/or sending music/video messages according to yet another exemplary embodiment.

FIG. 3 illustrates method steps for sending and receiving music/video messages according to another exemplary embodiment.

FIG. 4 depicts various combinations of music video/ messages.

DETAILED DESCRIPTION OF THE INVENTION AND PREFERRED **EMBODIMENTS**

Reference will now be made in detail to various exemplary embodiments of the invention, examples of which are illustrated in the accompanying drawings. The following detailed description describes certain embodiments of the invention, and should not be considered as limiting the invention to those embodiments.

As used herein, "a" means at least one or more. In embodiments, a music/video message may be a mixture of at least portions of music, video, pictures, slideshows, and/or text/voice message. In some embodiments, a user may provide their own music, video, pictures, slideshows and/or text/voice message to be included in the music/video message. In embodiments, users may choose music, video, pictures, slideshows, and/or text from available lists, charts, icons, displays, etc. to send to other recipient(s) as a music/ video message. To attribute original sources, in some cases the music/video providers may include original author/ source information with the content, issue disclaimers along with the content, incorporate special watermarks, etc.

Turning now to the figures, which depict various exemplary embodiments of the invention, FIG. 1a shows a system for creating and sending music/video messages and FIG. 1b shows method steps according to an exemplary embodiment. It will be appreciated that the method steps may be performed using any combination of hardware and/or software as will be appreciated by those skilled in the art and that the method steps need not necessarily be performed in the particular order disclosed. As shown in FIGS. 1a and b, one or more user device 10 communicates with a music/ video provider 30 and/or a music/video messaging system (MVMS) 50 via a communication network 20 and one or more communication links 80. See step 102. In the embodiment shown in FIG. 1a, the music/video provider 30 and music/video messaging system (MVMS) 50 are shown as separate entities. However, it is appreciated that in other embodiments, the functions of the music/video provider 30 and MVMS 50 may be combined. In further embodiments, the music/video provider 30 and the MVMS 50 may be executed on the same, or multiple, collocated or distributed servers. The user device 10 includes, but is not limited to: a personal computer, laptop, personal digital assistant, pocket 55 PC, iPod, and/or mobile phone. Preferably, the user device 10 further includes: a central processor, RAM/ROM, data storage (including internal and external storage), a display, keyboard, speaker, microphone, data interface(s), receiver/ transmitter, battery, and the like. Examples of internal and 60 external storage devices include: SD cards, micro SD cards, multimedia cards, SIM cards, compact flash, secure digital, memory sticks, or the like. The user device 10 also includes a proprietary or open source Operating System including, but not limited to, any Windows or MAC platform, UNIX/ FIG. 1b is a flowchart illustrating a method steps for 65 Linux, RIM OS, PALM OS, Symbian OS, etc. In addition, the user device 10 includes a graphical user interface and preferably web browsing capabilities. In embodiments, the

user device 10 also preferably includes a media player. Examples of suitable media players include, but are not limited to, SMIL players such as AdobeTM Media Player, QuickTimeTM Player, RealPlayerTM, Helix Player, Totem Player, or other equivalent proprietary or open source soft- 5 ware. In some embodiments, the user device 10 only needs a browser, and instructions/software for executing the music/video message may be provided by the MVMS 50 and/or video provider 30 in the form of a plug-in, API, download, etc. In other embodiments, the user device 10 10 browser contains built-in media player functionality. Communication network 20 includes any combination of: LANs, WANs, MANs, the Internet, Intranets, private networks, wired and/or wireless (e.g., IEEE 802.11 standard, satellite, cellular, GSM/GPRS, CDMA, TDMA) networks, mobile 15 networks, public switched telephone networks (PSTN), SMS, SMSC, MMS, SMTP/MIME and/or IM distribution networks, aggregators, provisioning and hosting providers, mobile operators, service providers, gateways, etc.

In embodiments, the music/video provider 30 comprises 20 one or more associated servers and/or databases. Accordingly, the user device 10 may contact a music/video provider 30 by entering a website, URL, or shortcode associated with the music/video provider 30. The user device 10 may communicate with the music/video provider 30, MVMS 50, 25 and/or recipient device 70 using any combination of HTTP, FTP, SMTP, RTP, WAP, SMS, MMS, IM protocols, or the like. In embodiments, the user registers and/or creates an account at the music/video provider website (step 103) and downloads any software necessary to configure the user 30 device for creating/sending music/video messages. For example, an account may include: name, address, phone number, email, and/or credit card information. In addition, custom messages created by the user may be stored with the user account e.g., to send again or edit at a later time. 35 Created messages may be stored in memory associated with the user device 10 and/or on one of the servers/databases associated with the music/video provider 30 and/or MVMS **50**. Preferably, the music/video provider website **30** allows the user of device 10 to select content that is representative 40 of feelings or emotions the user would like to communicate to one or more recipient(s). For example, the user may be presented with a list of selectable content such as music, videos, slideshows, pictures, text, etc. Additionally, or alternatively, the user may be presented with indicia such as 45 icons, thumbnails, or other images representative of various forms of content. It is further possible that the user may provide his own content (e.g., music, videos, slideshows, pictures, text, etc.) to be included in the music/video message. In this case, the music/video provider 30 and/or 50 MVMS 50 may receive user-provided content (e.g., uploaded, emailed, texted, or the like by the user device 10). The user then may select the music/video content to be communicated to a recipient that represents his/her feeling(s) and/or emotions via a user interface of the user 55 device 10. See step 104. Additionally, the user may register with the music/video provider 30 site to receive a new and/or random music/video every day/week/month or on a specific day. For example, the music/video provider 30 may be configured to make music/video suggestions based on pre- 60 vious user choices. In another example, the music/video provider 30 may be configured to notify the user of new available content.

It is appreciated that the music/video provider 30 may be a single provider or alternatively may correspond to multiple 65 providers. For example, the music/video provider 30 may include one provider that interfaces with users and has

6

business relationships with, and is in communication with, other music/video providers 30. In some embodiments, the MVMS 50 is the one provider that has business relationships with other music/video providers 30. Moreover, one music/video provider 30 may offer music only, another provider video only, and so forth. Alternatively, one or more music/video providers 30 may offer a various types of content such as: music and video; music, video and pictures, etc. According to various business models, the music/video provider(s) 30 may provide content to the user and/or recipient(s) for free, or for a fee.

In embodiments, the music/video provider 30 displays available content to the user on a website via a series of lists, charts, icons, displays, etc. According to various design considerations, such content may be grouped by title, artist, theme, subject, keywords, or the like. Music content, for example, may include pre-recorded music, music recorded by the user, sound clips, synthesized music, music mixes, or the like. Such content may be stored (permanently or temporarily) on the music/video provider's 30 and/or MVMS 50 server(s). Additionally, content may be stored on one or more databases 40 in communication with the music/video provider 30 and/or MVMS 50. In embodiments, the MVMS 50 may act as a portal to multiple different music/video providers 30. In this case, the user need only contact the MVMS website to select diverse types of content from various sources.

In addition, a user may search content via the music/video provider 30 and/or MVMS 50 website by entering search terms, keywords, etc. In addition, search capabilities may allow a user to speak the search terms, selections, etc. using voice recognition software (e.g., if using a mobile phone).

Once content has been selected, the user provides recipient information to the music/video provider website for delivering a music/video message (step 106). Such recipient information includes at least one of: email address, phone number, music/video provider site account information (where the recipient has an account with the same or different music/video provider, or other service providers such as Facebook, MySpace, Plaxo, etc.), account information, or the like. In some cases, the music/video provider 30 is configured to provide "Send" Options to enable user to schedule music/video messages to be sent at specific times and dates (e.g. birthday, anniversary, etc.).

The music/video provider 30 is further in communication with the music/video messaging system 50. The music/video provider 30 provides the content selected by the user as well as recipient information to the music/video messaging system **50**. In embodiments, the music/video messaging system 50 is operated by the same music provider or a third party provider that handles streaming and/or loading of the music/ video message to the recipient device(s) 70_{1-n} . Accordingly, the music/video messaging system 50 and music/video provider's system 30 may be combined in a single application or the music/video messaging system 50 may be implemented as separate module/application that resides on the same, or different, server(s) than the music/video provider 30. Also, the music/video messaging system 50 may be implemented as part of the music/provider's system 30 that resides on the same, or different, server(s) than the music/ video provider 30.

The music/video messaging system **50** is configured to combine and/or store the selected content (e.g., music, video, slideshows, and/or text/voice message). Step **508**. Selected content may be combined using a variety of commercial or custom "mixing" software and/or instructions. In embodiments, the MVMS **50** is configured to combine the

selected content (e.g., music, video, pictures, and/or text) in a single container. In embodiments, the MVMS is configured to combine the selected content (e.g., music, video, pictures, and/or text) by referencing and/or embedding the content in the music/video message. Selected content may 5 include, but is not limited to, the following types of file formats: MP3, WAV, RealAudio, Ogg, Vorbis, Sorenson, AIFF, AAC, MIDI, MPEG, JPEG, MIDI, 3GPP, AVI, BMP, GIF, TIFF, PNG, MOV, RealVideo, MJPEG, TXT, etc. In embodiments, distribution network 20 determines whether 10 the recipient device(s) 70 are capable of receiving the music/video message and/or performs any necessary transformations or adaptations for sending the music/video message to the recipient device(s) as will be appreciated by those skilled in the art.

In the embodiment of FIG. 1 and b, the music/video messaging system 50 is configured to inform the recipient device(s) 70_{1-n} that the message is available. This may be done, for example, by sending an email or text (e.g., SMTP, SMS, MMS, IM, etc.) message to the recipient device(s) 20 70_{1-n} including instructions for accessing the music/video message. (Step 510). In some cases, the instructions include e.g., a URL link, phone number, and/or code for accessing/downloading the message and its contents. Step 701. Upon selecting the link, the recipient device 70 communicates 25 with the MVMS 50 to receive the music/video message as a single object. See steps 702 and 703.

Additionally or alternatively, the music/video provider 30 and/or MVMS 50 are configured to provide the recipient(s) with the option to forward the message to another compatible device 70_n. Preferably, the recipient(s) are provided with an option to respond to the music/video message in an interactive manner (704). For example, a recipient may choose to add his own text comment or picture and reply to the user and/or forward to other recipient device(s) 70_n. In embodiments, the music/video messaging system 50 and/or MVMS 30 is configured to manage changes to the music/video message made by other recipients and/or to use log data to keep an audit trail so that the sender of each message may be determined.

FIG. 2 depicts a system for creating and sending music/ video messages according to another exemplary embodiment. As shown in FIG. 2, a user communicates with the music/video provider 30 e.g., by accessing the music/video provider's 30 website. In embodiments, the website 45 includes: login, search, accounting, reporting, feedback options and more. It is appreciated that the music/video provider 30 may be comprised of one or more different content providers and associated content servers. Additionally or alternatively, the music/video provider 30 may 50 include one provider that interfaces with users and has business relationships with other music/video providers 30. Moreover, according to various business models, the music/ video provider 30 may provide content for free, or for a fee. Furthermore, the music/video provider may generate addi- 55 tional revenue from advertisers, etc.

In embodiments, the music/video provider 30 displays available content to the user via a series of lists, charts, icons, displays, etc. According to various design considerations, such content may be grouped by title, artist, theme, 60 subject, keywords, or the like. Preferably, the music/video provider website allows the user to select content that is representative of feelings or emotions the user would like to communicate to one or more recipient(s). In addition, the user provides recipient information to the music/video provider website for delivering the music/video message. Such recipient information includes at least one of: email address,

8

phone number, music/video provider site account information (where the recipient has an account with the same or different music/video provider, or other service providers such as Facebook, MySpace, etc.), account information, or the like. Additionally, the user may register with the music/video provider site to receive a new and/or random music/video periodically every day/week/month or on a specific day. The user then may choose the music/video to be communicated to a recipient that best represents his/her feeling(s).

Additionally or alternatively, the user is provided with an option to search content on the music/video provider website by entering search terms, keywords, etc. In embodiments, such search capabilities allow a user to type the search terms or speak the search terms (e.g., if using a mobile phone). Additionally, the music/video provider may provide "Send" Options to let user to schedule music/video messages to be sent at specific times or dates (e.g. birthday, anniversary, etc).

The music/video provider 30 is further in communication with a music video messaging system 50. Preferably, the music/video provider 30 provides the content selected by the user as well as recipient information to the music/video messaging system 50. In embodiments, the music/video messaging system 50 comprises one or more servers configured to combine the selected content (e.g., music, video, pictures, slideshows, and/or text/voice message) to form a single music/video message. In embodiments, the server(s) are configured to store the selected content into a single container and/or to embed the selected content in a file along with other information regarding the music/video message. For example, the MVMS 50 server may be configured to combine content by embedding the following information in a single file or container associated with a music/video message:

<audio src="sound.mp3"/>
<text src="message.txt." region=/>

In further embodiments, information regarding the music/video message (e.g., sender information, message ID, time/date, recipient information, etc.) is stored in one or more database(s) 40 maintained by the MVMS 50 and/or music/video provider 30. In the embodiment of FIG. 2, the music/video message is sent to a distribution network 60. The distribution network 60, in turn, is responsible for notifying one or more of the recipient device(s) 70_{1-n} of the music/video message, adapting and/or delivering the message.

For example, the distribution network 60 informs the recipient device(s) 70_{1-n} that the music/video message is available. This may be done, for example, by sending an email or text message to the recipient device(s) 70_{1-n} including instructions for accessing the music/video message. In some cases, the instructions include e.g., a URL link and/or code for accessing/downloading the message and its contents. Preferably, the recipient device(s) 70_{1-n} include, but are not limited to: mobile phones, iPods, laptops, PCs, pocket PCs, and PDAs.

The distribution network 60 includes one or more distribution chain players including, but not limited to: Aggregators, Gateways, Provisioning and Hosting Providers, Mobile Operators, SMS Centers, streaming delivery providers and/or other Service Providers. In this case, the distribution network 60 is responsible for ensuring that the recipient device(s) 70_{1-n} are capable of receiving the music/video message and/or performing any necessary transformations, content adaptations, etc. as will be appreciated by those skilled in the art.

FIG. 3 illustrates a flowchart of method steps according to an exemplary embodiment. It is understood that the method steps may be performed using any combination of hardware and/or software as will be appreciated by those skilled in the art and that the method steps need not necessarily be 5 performed in the particular order disclosed.

In step 302, the user communicates with the music/video provider 30. Preferably, the online music/video provider 30 has an application, website or portal that allows the user to interface with the provider. The user is then able to select content that they would like to send in the form of a music/video message. At step 316, the user provides recipient information necessary for contacting one or more recipient(s). Such recipient information may be e.g., phone number, email addresses, music/video provider site account information (where the recipient has an account with the same or different music/video provider, or other service providers such as Facebook, Myspace, etc.), account, or the like. Once the recipient information is received, the music/ 20 video provider send the information and selected content to the music/video messaging system 50 and/or distribution network 60 at step 308. In turn, the music/video messaging system 50 and/or distribution network 60 informs the recipient device(s) 70_{1-n} that the music/video message is available 25 **310**. Such informing may include, for example, sending a text, voice, or email message to the recipient's device 70_{1-n} . The recipient may choose to receive the music/video message by going through instructions provided by the music/ video messaging system **50** and/or distribution network **60**. 30 In embodiments, the recipient device 70_{1-n} retrieves the music/video message by selecting a URL link contained in a text message such as SMS or email. The recipient device 70_{1-n} may download the music/video message or may receive the music/video message as streaming music/video. 35 Any action taken by the recipient in order to retrieve the music/video message authorizes the music/video messaging system 50, music/video provider 30, and/or distribution network 60 to send the music/video message to the recipient.

It is understood that the above method steps performed by 40 the music/video provider(s) 30, database(s) 40, and/or music/video messaging system 50 may be implemented in the form of hardware and/or software instructions as will be appreciated by those skilled in the art. Software instructions may include custom macros, sub-routines, logic, or the like 45 implemented using commercially available software such as MS SQL ServerTM, Visual Basic, C++, SMIL, XML, HTML, XHTML, Java, JavaScript, C#, APIs, etc. According to a further aspect, the software instructions for performing the disclosed method steps may reside in whole, or in part, on 50 a computer-readable medium. Examples of computer readable media include, but are not limited to: hard drives, memory chips, memory sticks, memory cards, CDs, DVDs, tapes, and the like.

music/video message. As shown, various combinations may include, but are not limited to: music only; music and text/voice; music and video; music and slide show; music, video and text/voice; music, slide show and text/voice, etc.

According to another non-limiting example, members of 60 social networking sites (such as Facebook, MySpace, Plaxo, etc.) may send music/video messages to their network of friends. When a social networking user receives a music/ video message from another member, the user may keep the message or part of the message private or public. The user 65 may allow others to see information such as number of music/video messages that the user has or who the sender is.

The user may also allow other members to listen and/or watch the user's music/video messages.

The music/video provider 30 may use technologies such as Web, HTTP, WAP, SMS, MMS, IM and/or email to provide music/video messaging service to users. In embodiments, a user may send a message (SMS text message, email, etc.) to the music/video provider 30 with a communication device 10 such as mobile phone and request a music/video message to be sent to a recipient device 70. In other embodiments, the music/video provider's service may be voice-activated. In the examples below it is assumed that "123456" is music/video provider's SMS short code.

Example 1: a user wants to include Madonna's "crazy for you" music/video into a music/video message and send it to a recipient phone number which is in our example 703-470-3040. The user brings up a mobile phone's text messaging screen and enters the text message "7034703040 Madonna" (Crazy for you)". This text message is sent to the music/ video provider's short code (which, in this example is 123456). As soon as music/video service provider 30 receives the text message, the music/video provider 30 creates the music/video message and sends it to the recipient contact information which, in this example, is recipient's phone number 703-470-3040.

Example 2: a user wants to include Madonna's "crazy for you" music/video into a music/video message that also contains text such as "I AM REALLY CRAZY" and send it to a recipient phone number 703-470-3040. The user brings up a mobile phone's text messaging screen and enters the message "7034703040 Madonna (Crazy for you) (I AM REALLY CRAZY)". This text message is sent to music/ video provider's short code (which, in this example is 123456). As soon as music/video service provider 30 receives the text message, the music/video provider 30 creates the music/video message and sends it to the recipient contact information which, in this example, is recipient's phone number 703-470-3040.

Example 3: a user's mobile phone number is 310-230-9000 and the user wants to send Madonna's "crazy for you" music/video into a music/video message and send it to a recipient phone number 703-470-3040. The user creates an email and enters the text message "310-230-9000" 7034703040 Madonna (Crazy for you)". The user sends this email message to music/video provider's email address. As soon as music/video service provider 30 receives this email message, the music/video provider 30 creates the music/ video message and sends it to the recipient contact information which, in this example, is recipient's phone number 703-470-3040. The music/video provider **30** may also to choose to call the user's mobile phone number or send an SMS text message and ask for confirmation before sending the music/video message to the recipient.

Example 4: a user wants to include Madonna's "crazy for you" music/video into a music/video message and send it to FIG. 4 depicts different types of content combined in a 55 a recipient phone number 703-470-3040. The user dials the music/video provider's phone number and leaves a voice message "7034703040 Madonna (Crazy for you)". As soon as music/video service provider 30 receives this voice message, the music/video provider 30 creates the music/ video message and sends it to the recipient contact information which, in this example, is recipient's phone number 703-470-3040. The music/video provider 30 may also to choose to call the user's mobile phone number or send an SMS text message and ask for confirmation before sending the music/video message to the recipient.

The foregoing disclosure of the preferred embodiments of the present invention has been presented for purposes of

illustration and description. It is not intended to be exhaustive or to limit the invention to the precise forms disclosed. Many variations and modifications of the embodiments described herein will be apparent to one of ordinary skill in the art in light of the above disclosure. The scope of the 5 invention is to be defined only by the claims appended hereto, and by their equivalents.

What is claimed is:

- 1. A method to enhance electronic messaging by enabling a user to select multimedia content for delivery to a recipi- 10 ent, the method comprising:
 - receiving, by a computing system, a selection of one or more multimedia content items from a device of the user;
 - creating, by the computing system, a multimedia message 15 using the selection of the one or more multimedia content items;
 - receiving, by the computing system from the device of the user, a request to deliver the multimedia message, wherein:
 - the request indicates a first service provider of a plurality of service providers for delivery of the multimedia message to the recipient,
 - the plurality of service providers include one or more social media service providers, and
 - the first service provider is a first social media service provider of the one or more social media service providers; and
 - sending, by the computing system electronically, the multimedia message to the first social media service 30 provider indicated for delivery of the multimedia message to the recipient, wherein the recipient has an account at the first social media service provider,
 - wherein the multimedia message comprises the selection of the one or more multimedia content items or a 35 representation of the selection of the one or more multimedia content items,
 - wherein the one or more multimedia content items selected is stored at a server accessible by the computing system, and
 - wherein the representation of the one or more multimedia content items selected is a URL, a link, or a pointer to the one or more multimedia content items stored at the server accessible by the computing system.
- 2. The method of claim 1, wherein creating the multime- 45 dia message comprises combining the selection of the one or more multimedia content items with a user-provided multimedia recording.
- 3. The method of claim 2, wherein the one or more multimedia content items and the user-provided multimedia 50 recording are at least one of: music, an image, audio, video, and an audiovisual work.
- 4. The method of claim 1, wherein creating the multimedia message comprises the step of providing the URL, the link, or the pointer to the one or more multimedia content 55 items.
- 5. The method of claim 1, further comprising combining the selection of the one or more multimedia content items with user-provided multimedia content from the device of the user.
 - 6. The method of claim 1, wherein sending comprises: presenting the multimedia message to the recipient via the first social media service provider using the device of the recipient.
- 7. The method of claim 1, wherein the multimedia mes- 65 sage comprises one or more of: music, image, audio, video, text and an audiovisual work.

12

- 8. The method of claim 1, wherein the multimedia message comprises: music content, audio content, video content, image content, audiovisual content, text content, or any combination of: the music content, the audio content, the video content, the image content, the audiovisual content, and the text content.
- 9. A computing system for providing a multimedia message for delivery to a recipient, the computing system comprising a processor and a computer-readable memory device storing program instructions that, when executed by the processor control the computing system to perform operations comprising:
 - receiving a selection of one or more multimedia content items from a device of a user;
 - creating the multimedia message using the selection of the one more multimedia content items;
 - receiving, from the device of the user, a request to deliver the multimedia message, wherein:
 - the request indicates a first service provider of a plurality of service providers for delivery of the multimedia message to the recipient,
 - the plurality of service providers include one or more social media service providers, and
 - the first service provider is a first social media service provider of the one or more social media service providers; and
 - sending electronically the multimedia message to the first social media service provider indicated for delivery of the multimedia message to the recipient, wherein the recipient has an account at the first social media service provider,
 - wherein the multimedia message comprises the one or more multimedia content items selected or a representation of the one or more multimedia content items selected,
 - wherein the one or more multimedia content items selected is stored at a server accessible by the computing system, and
 - wherein the representation of the one or more multimedia content items selected is a URL, a link, or a pointer to the one or more multimedia content items stored at the server accessible by the computing system.
- 10. The computing system of claim 9, wherein creating the multimedia message comprises combining the selection of the one or more multimedia content items with user-provided multimedia content from the device of the user.
- 11. The computing system of claim 10, wherein the one or more multimedia content items and the user-provided multimedia content are at least one of: music, an image, audio, video, a multimedia recording, and an audiovisual work.
- 12. The computing system of claim 9, wherein the operations further comprise combining the selection of the one or more multimedia content items with a user-provided multimedia recording.
- 13. The computing system of claim 9, wherein the computing system is part of the first social media service provider indicated for delivery of the multimedia message.
- 14. The computing system of claim 9, wherein creating the multimedia message comprises the step of providing the URL, the link, or the pointer to the one or more multimedia content items.
 - 15. The computing system of claim 9, wherein the sending comprises:
 - presenting the multimedia message to the recipient via the first social media service provider using the device of the recipient.

- 16. The computing system of claim 9, wherein the multimedia message comprises one or more of: music, image, audio, video, text and an audiovisual work.
- 17. The computing system of claim 9, wherein the multimedia message comprises: music content, audio content, video content, image content, audiovisual content, text content, or any combination of: the music content, the audio content, the video content, the image content, the audiovisual content, and the text content.
- 18. A system that enhances electronic messaging by 10 enabling a computer system in electronic communication with a user device to receive a request for delivery of a multimedia message via a communication network, the system comprising a processor and a computer-readable memory device storing program instructions that, when 15 executed by the processor, control the system to perform operations comprising:
 - provide, to the user device via the communication network, a plurality of music and/or audio content selections;
 - receive, from the user device via the communication network, one or more music and/or audio content selections by a user from the plurality of music and/or audio content selections;
 - receive, from the user device, one or more user-provided 25 multimedia content;
 - generate a combination of the one or more music and/or audio content selections with the one or more userprovided multimedia content received;
 - create the multimedia message comprising the combina- 30 tion or a representation of the combination;
 - receive, from the user device, a request to deliver the multimedia message wherein:
 - the request indicates a first service provider of a plurality of service providers for delivery of the multi- 35 media message to a recipient,
 - the plurality of service providers include one or more social media service providers, and
 - the first service provider is a first social media service provider of the one or more social media service 40 providers; and
 - electronically send the multimedia message to the first social media service provider indicated for delivery of the multimedia message to the recipient,
 - wherein the combination is stored at a server accessible 45 by the computer system, and
 - wherein the representation of the combination is a URL, a link, or a pointer to the combination stored at the server accessible by the computer system.
- 19. The system of claim 18, wherein the system is part of 50 the first social media service provider indicated for delivery of the multimedia message.
 - 20. The system of claim 18, wherein sending comprises: presenting the multimedia message to the recipient via the first social media service provider using a device of the 55 recipient.
- 21. The system of claim 18, wherein the multimedia message comprises portions of one or more of: music, audio, video, and an audiovisual work.
- 22. The system of claim 18, wherein the user-provided 60 multimedia content is at least one of: an image, audio, video, a multimedia recording, and an audiovisual work.
- 23. The system of claim 18, wherein the user-provided multimedia content comprises one or more of: music, image, text, audio, video, and an audiovisual work.

- 24. The system of claim 18, wherein the combination comprises one or more of: music, image, text, audio, video, and an audiovisual work.
- 25. A computer implemented method to enhance electronic messaging by enabling a computer system in electronic communication with a user device to receive a request from a user to deliver a multimedia message via a communication network, the method comprising:
 - providing, to the user device via the communication network, a plurality of music and/or audio content selections;
 - receiving, from the user device via the communication network, one or more music and/or audio content selections by the user from the plurality of music and/or audio content selections;
 - receiving one or more user-provided multimedia content from the user device;
 - generating a combination of the one or more music and/or audio content selections with the one or more userprovided multimedia content received from the user device;
 - creating the multimedia message comprising the combination or a representation of the combination;
 - receiving, from the user device, the request to deliver the multimedia message, wherein:
 - the request indicates a first service provider of a plurality of service providers for delivery of the multimedia message to a recipient,
 - the plurality of service providers include one or more social media service providers, and
 - the first service provider is a first social media service provider of the one or more social media service providers; and
 - electronically sending the multimedia message to the first social media service provider indicated for delivery of the multimedia message to the recipient,
 - wherein the combination is stored at a server accessible by the computer system, and
 - wherein the representation of the combination is a URL, a link, or a pointer to the combination stored at the server accessible by the computer system.
- 26. The computer implemented method of claim 25, wherein sending comprises:
 - delivering the multimedia message to the recipient via the first social media service provider; and
 - presenting the multimedia message to the recipient via the first social media service provider using a device of the recipient.
- 27. The computer implemented method of claim 25, wherein the multimedia message comprises portions of one or more of: music, audio, video, and an audiovisual work.
- 28. The computer implemented method of claim 25, wherein the user-provided multimedia content is at least one of: an image, audio, video, a multimedia recording and an audiovisual work.
- 29. The computer implemented method of claim 25, wherein the computer system is part of the first social media service provider indicated for delivery of the multimedia message.
- 30. The computer implemented method of claim 25, wherein the combination comprises one or more of: music, image, text, audio, video, and an audiovisual work.

* * * * *